

IN THE CLAIMS

This listing of claims replaces all prior listings and versions of the claims in the present application.

Listing of Claims:

Claims 1-15 (Canceled).

Claim 16 (Previously Presented): A haymaking machine comprising:
a frame carrying at least one pair of windrowing rotors configured to be driven in rotation about substantially vertical supporting axes,
first and second carrying arms situated in a plane perpendicular to a direction of travel and which have the rotors mounted thereto, the first carrying arm being connected to a first side of said frame and the second carrying arm being connected on a second side of the frame opposite the first side,
said first and second carrying arms being articulated on the frame by axes of articulation about which the first and second carrying arms are movable from a working position, in which the first and second carrying arms are substantially horizontal, to a transport position, in which the first and second carrying arms are substantially vertical, and vice-versa, by hydraulic jacks,
wherein at least one of the first and second carrying arms comprise a latching mechanism configured to connect the first carrying arm to the second carrying arm and to lock the first and second carrying arms to one another in the transport position.

Claim 17 (Previously Presented): A machine as claimed in claim 16, wherein the latching mechanism includes a latch articulated on one of the carrying arms and a stop placed on the other carrying arm.

Claim 18 (Previously Presented): A machine as claimed in claim 17, further comprising means for guiding the latch such that the latch can automatically hook onto the stop.

Claim 19 (Previously Presented): A machine as claimed in claim 17, wherein the latching mechanism is distant from a beam of the frame.

Claim 20 (Previously Presented): A machine as claimed in claim 19, wherein the latching mechanism is situated on the carrying arms at a distance from their axes of articulation on the frame which is at least equal to half a length of the carrying arms in the transport position.

Claim 21 (Previously Presented): A machine as claimed in claim 20, wherein the latching mechanism is situated on the carrying arms in a vicinity of ends of the hydraulic jacks that are connected to the carrying arms.

Claim 22 (Previously Presented): A machine as claimed in claim 21, wherein the latch is configured to be released automatically from the stop by the hydraulic jack moving the carrying arm which is fitted with the stop.

Claim 23 (Previously Presented): A machine as claimed in claim 22, wherein the hydraulic jack comprises an actuating finger.

Claim 24 (Previously Presented): A machine as claimed in claim 16, wherein the frame comprises abutments distant from the latching mechanism configured to stop the carrying arms when the carrying arms reach the transport position.

Claim 25 (Previously Presented): A machine as claimed in claim 24, wherein the abutments are situated between the axes of articulation of the carrying arms and the latching mechanism, when the carrying arms are in the transport position.

Claim 26 (Previously Presented): A machine as claimed in claim 24, wherein the abutments comprise elastic ends.

Claim 27 (Previously Presented): A machine as claimed in claim 16, further comprising means for immobilizing the carrying arms in the transport position, which means for immobilizing are distant from the latching mechanisms.

Claim 28 (Previously Presented): A machine as claimed in claim 27, wherein the means for immobilizing is situated at upper ends of the carrying arms in the transport position.

Claim 29 (Previously Presented): A machine as claimed in claim 28, wherein the means for immobilizing includes a stop secured to one of the carrying arms of each pair of rotors and a lug with a V-shaped notch secured to the other carrying arm of each pair of rotors.

Claim 30 (Previously Presented): A machine as claimed in claim 29, wherein the stop is situated in a bottom portion of the notch when the carrying arms are in the transport position.

Claim 31 (Previously Presented): A haymaking machine, comprising:
a frame carrying at least one pair of windrowing rotors configured to be driven in rotation about substantially vertical supporting axes, first and second carrying arms situated substantially in a plane perpendicular to a direction of travel, the first carrying arm being connected to a first side of said frame and the second carrying arm being connected to a second side of said frame opposite the first side, said first and second carrying arms being articulated on the frame by axes of articulation about which the first and second carrying arms can be moved from a working position, in which the first and second carrying arms are substantially horizontal, to a transport position, in which the first and second carrying arms are substantially vertical, and vice-versa, by hydraulic jacks,

wherein the at least one of the first and second carrying arms rotors comprise a latching mechanism configured to lock the first and second carrying arms in the transport position, the latching mechanism comprising a latch releasable automatically by one of the hydraulic jacks moving the first and second carrying arms from the working position to the transport position and vice-versa.

Claim 32 (Canceled)